

JC20 Rec'd PCI/PTO 29 APR 2005

Substitute for form 1449A/PTO				Complete if Known 10/533621	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	To be assigned
				Filing Date	Herewith
				First Named Inventor	Lieberman et al.
				Art Unit	
				Examiner Name	To be assigned
Sheet	1	of	2	Attorney Docket Number	033393-055184

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

JC20 Rec'd PCT/PTO 29 APR 2005

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	Here with
		First Named Inventor	Lieberman, et al.
		Group Art Unit	
		Examiner Name	To be assigned
Sheet 2 of 2	Attorney Docket Number	033393-055184	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/J.P./	CI	MARTINEZ, et al. Supression of Chemokine Receptor Expression by RNA Interference Allows for Inhibition of HIV-1 Replication. AIDS, 2002, Vol. 16, pages 2385-2390.	

Examiner Signature	/Jennifer Pitrak/	Date Considered	10/02/2007
--------------------	-------------------	-----------------	------------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A/B 08-03)

Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/533,621
		Filing Date	April 29, 2005
		First Named Inventor	Judy Lieberman
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet 1 of 1	Attorney Docket Number	033393/055184	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number 4 - Kind Code 5 (if known)			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
/J.P.	C1	DENG et al. Identification of a major co-receptor for primary isolates of HIV-1 (1996) <i>Nature</i> 381:661-666.	
/J.P.	C2	NANSEN et al. The role of CC chemokine receptor 5 in antiviral immunity (2002) <i>Blood</i> 99:1237-1245.	
/J.P.	C3	SAMSON, et al. Resistance to HIV-1 infection in caucasian individuals bearing mutant alleles of the CCR-5 chemokine receptor gene (1996) <i>Nature</i> 382:722-725.	
/J.P.	C4	STEINBERGER et al. Functional deletion of the CCR5 receptor by intracellular immunization produces cells that are refractory to CCR5-dependent HIV-1 infection and cell fusion (2000) <i>Proc. Natl. Acad. Sci. USA</i> . 97:805-10	

Examiner Signature	/Jennifer Pitrak/	Date Considered	10/02/2007
-----------------------	-------------------	--------------------	------------

*EXAMINER if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10533621
Filing Date		2006-02-15
First Named Inventor	Judy Lieberman	
Art Unit	1635	
Examiner Name		
Attorney Docket Number	033393-055184-US	

U.S. PATENTS[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/J.P./	1	WO 03/099298	WO	A1	2003-04-12			<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

[Add](#)**NON-PATENT LITERATURE DOCUMENTS**[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10533621
	Filing Date		2006-02-15
	First Named Inventor	Judy Lieberman	
	Art Unit	1635	
	Examiner Name		
	Attorney Docket Number	033393-055184-US	

J.P./	1	LIEBERMAN, Judy et al., "Interfering with disease: opportunities and roadblocks to harnessing RNA interference" Trends in Molecular Magazine 9(9):397-403, 2003.	<input type="checkbox"/>
J.P./	2	ZHANG, D. et al., "Physical and Functional Interaction between Myeloid Cell Leukemia 1 Protein (MCL1) and Fortilin" J Bio Chem 277(40):37430-37438, 2002.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Jennifer Pitrak/	Date Considered	10/02/2007
--------------------	-------------------	-----------------	------------

*~~EX~~AMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.